

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions, and listings, of claims.

Claims 1-6 (Canceled)

1 Claim ~~7~~ (Currently Amended - Formerly Claim 7/4): An input processing method as claimed in any one of claims 4 to 6 for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the number of successive occurrences of said touch motion; and

a second step of determining information indicating a touch state in accordance with said

detected number of occurrences,

wherein when said number of occurrences is 1, said second step determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

2 Claim ~~8~~ (Currently Amended - Formerly Claim 8/4): An input processing method as claimed in any one of claims 4 to 6 for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the number of successive occurrences of said touch motion; and

a second step of determining information indicating a touch state in accordance with said

detected number of occurrences,

wherein when said detected number of occurrences is 2, it is determined that a single click has occurred, and/or when said detected number of occurrences is 3, it is determined that a double click has occurred.

3
Claim 9 (Currently Amended): An input processing method ~~as claimed in claim 1~~ for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second step of determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

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said device is a device that displays a cursor in a display section,

said cursor has a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a step in which said cursor changes from said second state to said first state in response to said touch state indicating information.

Claim 10 (Canceled)

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Claim 11 (Currently Amended): An input processing method ~~as claimed in claim 1~~ for a device which provides input by performing a touch motion on an operating surface, comprising:

a first step of detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second step of determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section,

said cursor has a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a step in which said cursor changes from said first state to said second state when said touch motion has ended.

Bdort
Claims 12 and 13 (Canceled)

4
Claim 14 (Original): An input processing method as claimed in claim 9, wherein said first state is a cursor-clicked state, and/or said second state is a hovering state. 3

Claim 15 (Canceled)

6
Claim 16 (Currently Amended): An input processing method ~~as claimed in claim 15~~ for a device which provides input by performing a touch motion on an operating surface, comprising the steps of:

detecting the number of successive occurrences of said touch motion; and
determining a corresponding mouse operation in accordance with said detected number of
occurrences, wherein said corresponding mouse operation determining step determines that a single
click has occurred when said detected number of occurrences is 2, and/or determines that a double
click has occurred when said detected number of occurrences is 3.

Claims 17-24 (Canceled)

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Claim ~~25~~ (Currently Amended): An input control apparatus ~~as claimed in any one of claims~~
~~22 to 24~~ for a device which provides input by performing a touch motion on an operating surface,
comprising:

a first unit detecting the number of successive occurrences of said touch motion; and
a second unit determining information indicating a touch state in accordance with said
detected number of occurrences, wherein when said number of occurrences is 1, said second unit
determines that the state is not the touch state occurring in relation to said touch motion, and when
said detected number of occurrences is 2 or more, then determines that the state is the touch state.

A
Claim ~~26~~ (Currently Amended): An input control apparatus ~~as claimed claim 22~~ for a device
which provides input by performing a touch motion on an operating surface, comprising:

a first unit detecting the number of successive occurrences of said touch motion; and
a second unit determining information indicating a touch state in accordance with said

detected number of occurrences,

wherein when said detected number of occurrences is 2, it is determined that a single click has occurred, and/or when said detected number of occurrences is 3, it is determined that a double click has occurred.

9
Claim ~~27~~ (Currently Amended): An input control apparatus ~~as claimed in claim 19~~ for a touch input device which provides input by performing a touch motion on an operating surface, comprising:

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a first unit detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second unit determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section,

said cursor has a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a unit for changing said cursor from said second state to said first state in response to said touch state indicating information.

Claim 28 (Canceled)

Claim ~~29~~¹¹ (Currently Amended): An input control apparatus ~~as claimed in claim 19~~ for a touch input device which provides input by performing a touch motion on an operating surface, comprising:

a first unit detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second unit determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section,

Best said cursor has a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a unit changing said cursor from said first state to said second state when said touch motion has ended.

Claims 30-31 (Canceled)

Claim ~~32~~¹⁰ (Original): An input control apparatus as claimed in claim ~~27~~⁹, wherein said first state is a cursor-clicked state, and/or said second state is a hovering state.

Claim 33 (Canceled)

~~Claim 34~~ ¹² (Currently Amended): An input control apparatus ~~as claimed in claim 33~~ for a device which provides input by performing a touch motion on an operating surface, comprising:
a unit detecting the number of successive occurrences of said touch motion; and
a unit determining a corresponding mouse operation in accordance with said detected number of occurrences,

wherein said corresponding mouse operation determining unit determines that a single click has occurred when said detected number of occurrences is 2, and/or determines that a double click has occurred when said detected number of occurrences is 3.

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Claims 35-43 (Canceled)

~~Claim 44~~ ¹³ (Currently Amended): A recording medium as claimed ~~in any one of claims 41 to 43~~ readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the number of successive occurrences of said touch motion; and
a second function for determining information indicating a touch state in accordance with said detected number of occurrences,

wherein when said number of occurrences is 1, said second function determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

Claims ~~45~~¹⁴ (Currently Amended): A recording medium ~~as claimed in claim 41~~ readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the number of successive occurrences of said touch motion; and
a second function for determining information indicating a touch state in accordance with said detected number of occurrences, including a function for causing said computer to determine that a single click has occurred when said detected number of occurrences is 2, and/or a function for causing said computer to determine that a double click has occurred when said detected number of occurrences is 3.

Brook
Claim ~~46~~¹⁵ (Currently Amended): A recording medium ~~as claimed in claim 38~~ readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second function determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section, said cursor having a first state for directing the processing of a manipulation target displayed in said display section, and a

second state for not directing the processing of said manipulation target, and

there is included a function changing said cursor from said second state to said first state in response to said touch state indicating information.

Claim 47 (Canceled)

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Claim ~~48~~¹⁷ (Currently Amended): A recording medium ~~as claimed in claim 38~~ readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the length of time of a non-touch state in which no touch motion is performed on said operating surface; and

a second function determining information indicating a touch state in accordance with said detected length of time when a touch motion has occurred, wherein

said device is a device that displays a cursor in a display section,

said cursor has a first state for directing the processing of a manipulation target displayed in said display section, and a second state for not directing the processing of said manipulation target, and

there is included a function for changing said cursor from said first state to said second state when said touch motion has ended.

Claims 49-50 (Canceled)

~~16~~
Claim ~~51~~ (Original): A recording medium as claimed in claim ~~46~~, wherein said first state is a cursor-clicked state, and/or said second state is a hovering state. ~~15~~

Claim 52 (Canceled)

~~18~~
Claim ~~53~~ (Currently Amended): A recording medium ~~as claimed in claim 52~~ readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a function detecting the number of successive occurrences of said touch motion; and

a function determining a corresponding mouse operation in accordance with said detected number of occurrences, wherein said corresponding mouse operation determining function determines that a single click has occurred when said detected number of occurrences is 2, and/or determines that a double click has occurred when said detected number of occurrences is 3.

Claim 54 (Canceled)

~~19~~
Claim ~~55~~ (Re-Presented - Formerly Claim 7/5): An input processing method ~~as claimed in any one of claims 4 to 6~~ for a device which provides input by performing a touch motion on an

operating surface, comprising:

a first step of detecting the number of successive occurrences of said touch motion; and

a second step of determining information indicating a touch state in accordance with said detected number of occurrences,

wherein said first step detects the number of occurrences of said touch motion over a predetermined length of time,

and wherein when said number of occurrences is 1, said second step determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

Blind Claim ~~56~~²⁰ (Re-Presented - Formerly Claim 7/6): An input processing method ~~as claimed in~~
~~any one of claims 4 to 6~~ for a device which provides input by performing a touch motion on an
operating surface, comprising:

a first step of detecting the number of occurrences of said touch motion over a predetermined length of time; and

a second step of determining information indicating a touch state in accordance with said detected number of occurrences,

wherein when said number of occurrences is 1, said second step determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

21
Claim ~~57~~ (Re-Presented - Formerly Claim 8/5): An input processing method ~~as claimed in~~
~~any one of claims 4 to 6~~ for a device which provides input by performing a touch motion on an
operating surface, comprising:

a first step of detecting the number of successive occurrences of said touch motion; and

a second step of determining information indicating a touch state in accordance with said
detected number of occurrences,

wherein said first step detects the number of occurrences of said touch motion over a
predetermined length of time,

and wherein when said detected number of occurrences is 2, it is determined that a single
click has occurred, and/or when said detected number of occurrences is 3, it is determined that a
double click has occurred.

22
Claim ~~58~~ (Re-Presented - Formerly Claim 8/6): An input processing method ~~as claimed in~~
~~any one of claims 4 to 6~~ for a device which provides input by performing a touch motion on an
operating surface, comprising:

a first step of detecting the number of occurrences of said touch motion over a predetermined
length of time; and

a second step of determining information indicating a touch state in accordance with said
detected number of occurrences,

wherein when said detected number of occurrences is 2, it is determined that a single click
has occurred, and/or when said detected number of occurrences is 3, it is determined that a double

click has occurred.

~~23~~
Claim 59 (Re-Presented - Formerly Claim 25/23): An input control apparatus ~~as claimed~~
~~in any one of claims 22 to 24~~ for a device which provides input by performing a touch motion on an
operating surface, comprising:

a first unit detecting the number of successive occurrences of said touch motion; and

a second unit determining information indicating a touch state in accordance with said
detected number of occurrences,

wherein said first unit detects the number of occurrences of said touch motion over a
predetermined length of time,

and wherein when said number of occurrences is 1, said second unit determines that the state
is not the touch state occurring in relation to said touch motion, and when said detected number of
occurrences is 2 or more, then determines that the state is the touch state.

~~24~~
Claim 60 (Re-Presented - Formerly Claim 25/24): An input control apparatus ~~as claimed~~
~~in any one of claims 22 to 24~~ for a device which provides input by performing a touch motion on an
operating surface, comprising:

a first unit detecting the number of occurrences of said touch motion over a predetermined
length of time; and

a second unit determining information indicating a touch state in accordance with said
detected number of occurrences,

wherein when said number of occurrences is 1, said second unit determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

²⁵
Claim 61 (Re-Presented - Formerly Claim 44/42): A recording medium ~~as claimed in any one of claims 41 to 43~~ readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the number of successive occurrences of said touch motion; and
a second function for determining information indicating a touch state in accordance with said detected number of occurrences,

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wherein said first function detects the number of occurrences of said touch motion over a predetermined length of time,

and wherein when said number of occurrences is 1, said second function determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.

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Claim 62 (Re-Presented - Formerly Claim 44/43): A recording medium ~~as claimed in any one of claims 41 to 43~~ readable by a computer, said computer using a device which provides input by performing a touch motion on an operating surface, said recording medium having a program recorded thereon for causing said computer to implement:

a first function detecting the number of occurrences of said touch motion over a predetermined length of time; and

a second function determining information indicating a touch state in accordance with said

detected number of occurrences,

Blank. wherein when said number of occurrences is 1, said second function determines that the state is not the touch state occurring in relation to said touch motion, and when said detected number of occurrences is 2 or more, then determines that the state is the touch state.
